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Name of Person Signing (Type or Print): Karen Buzinski

Signed: /karen buzinski/

Customer Number

24024

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Peter C. Williams)	Art Unit: 3679
)	
Serial No.: 10/573,728)	Confirmation No.: 2264
)	
Filed: March 28, 2006)	Examiner: James M. Hewitt
)	
For: FITTING FOR METAL PIPE AND TUBING)	Attorney Docket No. 22188/07113

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

**ATTACHMENT TO PREVIOUSLY SUBMITTED AMENDMENT AFTER
ALLOWANCE (37 CFR §1.312)**

Dear Sir:

The enclosed attachment was inadvertently omitted during the electronic submission of the Amendment After Allowance (37 CFR 1.312) filed on July 13, 2010 and is being submitted herewith and prior to the payment of the issue fee. It is believed that no fee is required in connection with the filing of the Attachment.

E-mail correspondence

E-mails pertaining to the present application were exchanged between Examiner James Hewitt and Applicant's attorney, Ken Smith, on April 6 and April 7, 2010. Ken Smith reviewed the file history of the present application on PAIR on June 18, 2010 and found that copies of these e-mails do not appear to have been placed in the file of the application. Copies of these e-mails are attached hereto to ensure that the e-mail correspondence is in the file of the present application.

The Applicant believes that this case remains in condition for issuance and no additional fees are due. However, if it is found that any additional fees are due, please charge deposit account number 03-0172, order number 22188/07113.

Respectfully submitted,

Date: July 14, 2010



Kenneth J. Smith, Reg. No. 45,115
(216) 622-8674
Customer Number 24024

Smith, Kenneth

From: Smith, Kenneth
Sent: Wednesday, April 07, 2010 2:53 PM
To: 'Hewitt, James'
Subject: RE: 10573728.doc

Hi James,

I reviewed the prior art references you listed, and reviewed the proposed claim set with the client. The client approved your proposed claim set, but would like to add one more claim that depends from claim 48.

CLAIM 57 (NEW)

A coupling assembly as set forth in claim 48, further comprising a second ferrule disposed about the tube and axially between the first and second coupling members.

Support for this amendment can be found in the published application (US 2006/0284419) at paragraph 84 "The clamped coupling is also usable with a two-ferrule system" and at paragraph 93 "For example, the ferrule 396 could be replaced by a two-ferrule system."

If this is acceptable, please let me know if you would like me to submit an amendment to make the changes to the claims or if you plan to do an Examiner's amendment. Similarly, please let me know if I need to submit an IDS to cite the references you listed in your e-mail, or you will make them of record.

Thanks,

Ken

From: Smith, Kenneth
Sent: Tuesday, April 06, 2010 3:44 PM
To: 'Hewitt, James'
Subject: RE: 10573728.doc

Hi James,

Thank you very much. I sent the proposed claims to the client this afternoon and left them a message. I hope to be able to talk with them tomorrow and get back to you then.

Ken

From: Hewitt, James [mailto:James.Hewitt@USPTO.GOV]
Sent: Tuesday, April 06, 2010 2:37 PM
To: Smith, Kenneth
Subject: 10573728.doc
Importance: High

Hi Ken,

Per our discussion earlier today, here are the proposed set of claims that would be allowed.

Here's a listing of references that would/could be applied singly or in combination to reject some/most of the presently pending claims:

US 2005/0134044

US 7066496

US 4256334

US 3290062

US 1962400

US6089620

US 1261254

US 3404902

US 5335946

Claim 48 (New)

A coupling assembly comprising:

a tube having an axis and an end portion;

a first flanged coupling member having a tube socket receiving the end portion of the tube;

a second flanged coupling member;

a ferrule disposed about the tube and axially between the first and second coupling members;

a clamp having inner tapered surfaces which contact tapered surfaces of the first and second coupling member flanges respectively so as to generate axial force between the first and second coupling members to move said ferrule against said first coupling member, such that the ferrule plastically deforms the tube to grip and seal the tube.

Claim 49 (New)

A coupling assembly as set forth in claim 48, wherein there is no threaded connection between said first and second flanged members.

Claim 50 (New)

A coupling assembly as set forth in claim 48, wherein the ferrule is axially driven by the second flanged member against a camming surface of the first flanged member to grip and seal the tube, wherein said camming surface forms an angle of between 35 and 60 degrees with respect to the longitudinal axis of the tube.

Claim 51 (New)

A coupling assembly as set forth in claim 48, wherein the ferrule bites into a surface of the tube.

Claim 52 (New)

A coupling assembly comprising:

a tube having an axis and an end portion;

a first flanged coupling member having a tube socket receiving the end portion of the tube;

a second flanged coupling member having an integrally formed ferrule, the ferrule being disposed about the tube and axially between the first and second coupling members;

a clamp having inner tapered surfaces which contact tapered surfaces of the first and second coupling member flanges respectively so as to axially force the ferrule of the second coupling member against said first coupling member, such that the ferrule plastically deforms the tube to grip and seal the tube.

Claim 53 (New)

A coupling assembly as set forth in claim 52, wherein the first and second flanged members are drawn together without relative rotation between said first and second flanged members.

Claim 54 (New)

A coupling assembly as set forth in claim 52, wherein there is no threaded connection between said first and second flanged members.

Claim 55 (New)

A coupling assembly as set forth in claim 52, wherein the ferrule is axially driven against a camming surface of the first flanged member to grip and seal the tube, wherein said camming surface forms an angle of between 35 and 60 degrees with respect to the longitudinal axis of the tube.

Claim 56 (New)

A coupling assembly as set forth in claim 52, wherein the ferrule bites into a surface of the tube.

James Hewitt
Primary Examiner
Class 285